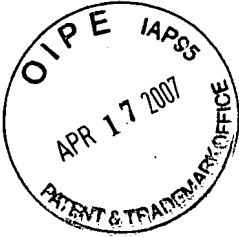


OBER | KALER

A Professional Corporation

Ober, Kaler, Grimes & Shriver  
Attorneys at Law

120 East Baltimore Street  
Baltimore, MD 21202-1643  
410-685-1120 / Fax 410-547-0699  
www.ober.com



04-18-05 IAPG Rec'd PCT/PTO 17 APR 2007

Royal W. Craig  
rwcraig@ober.com  
410-347-7303

Offices in  
Maryland  
Washington, D.C.  
Virginia

**TRANSMITTAL VIA EXPRESS MAIL: EV833002482US**  
**COMMISSIONER FOR PATENTS**  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent application 10/580,697 for METHOD AND APPARATUS  
FOR ULTRASONIC DETERMINATION OF HEMATOCRIT AND  
HEMOGLOBIN CONCENTRATIONS; (from PCT/US04/39735 ; Filed:  
26 November 2004); Applicant: Separation Technology, Inc. - Filing date:  
May 25, 2006.

Dear Sir:

Enclosed, please find the following:

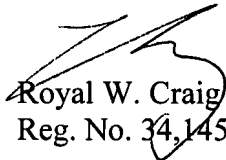
1. Copy of the USPTO Notification of Missing Requirements Under 35 U.S. C. 371  
in the United States Designated/ Elected Office (DO/EO/US).
2. Five (5) Signed Declarations Duly Executed by the inventors Under 37 CFR  
1.63.
3. Our Post card. Please date stamp and return.

Please charge filing fees to our Deposit Account 50-3391 and post the following  
as the attorney docket number: 027027.077175 (a duplicate copy of this charge  
authorization is attached). Thank you for your cooperation and assistance.


04/20/2007 MKAYPAGH 00000123 503391 10580697

01 FC:2617 65.00 DA

Respectfully submitted,

  
Royal W. Craig  
Reg. No. 34,145

I HEREBY CERTIFY that on April 17, 2007, one copy of the  
above-referenced documents were transmitted by Express Mail to the United States  
Patent and Trademark Office.





## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/580,697	FIRST NAMED APPLICANT FRAMCOS SCOTT COREY	ATTY. DOCKET NO.
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INTERNATIONAL APPLICATION NO. PCT/US04/39735
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I.A. FILING DATE 11/26/2004	PRIORITY DATE 11/26/2003
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OBER, KALER, GRIMES & SHRIVER  
 ATTORNEYS AT LAW  
 120 EAST BALTIMORE STREET  
 BALTIMORE, MD 21202-1643

CONFIRMATION NO. 5413

371 FORMALITIES LETTER



\*OC000000022714507\*

Date Mailed: 03/02/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 05/25/2006
- Copy of the International Search Report filed on 05/25/2006
- Copy of IPE Report filed on 05/25/2006
- U.S. Basic National Fees filed on 05/25/2006
- Priority Documents filed on 05/25/2006

The applicant needs to satisfy supplemental fees problems indicated below.

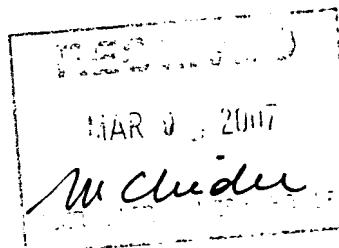
The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Surcharge.



**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

ANITA D JOHNSON

Telephone: (703) 308-9140 EXT 226

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/580,697	PCT/US04/39735	

FORM PCT/DO/EO/905 (371 Formalities Notice)